

AMENDMENTS TO THE CLAIMS

Presented below is a complete set of claims with current status indicators.

1. – 34. (canceled)

35. (previously presented) An ablation system comprising:

a power control system having a multiple pin electrophysiological (EP) monitoring system receptacle having a first pin and a last pin, the power control system adapted to output power signals;

an EP monitoring system adapted to connect to the EP-monitoring-system receptacle, the EP monitoring system including an EP recorder having a plurality of inputs and a display for displaying ECG signals; and

a processor programmed to verify connection between the power control system and the EP monitoring system by outputting a signal to each of the EP-monitoring-system receptacle pins in sequence and displaying the pulses on the EP monitoring system display as a progressive sequence starting with the first pin and ending with the last pin

wherein the processor is further programmed to prevent the output of power signals in the absence of the verification of the connection between the power control system and the EP monitoring system.

36. – 37. (canceled)